Ministry of
Northern Development
and Mines

Ontario

René Fontaine
Minister
George Tough
Deputy Minister

ONTARIO GEOLOGICAL SURVEY

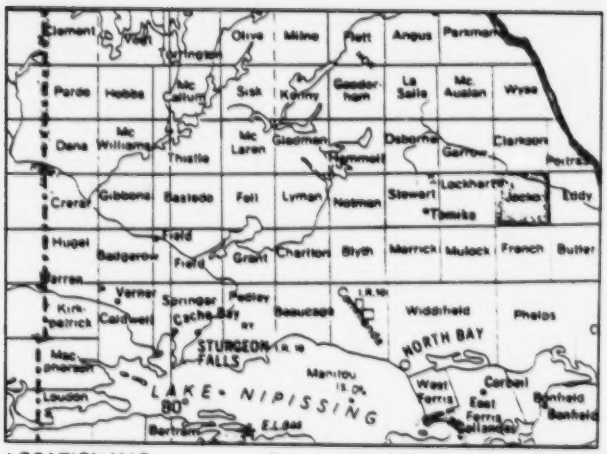
GEOLOGICAL DATA INVENTORY FOLIO

GDIF 288

# JOCKO TOWNSHIP

DISTRICT OF NIPISSING

Compiled by the staff of
the Resident Geologist's Office
Cobalt




LOCATION MAP Scale 1:1 013 760 or 1 inch to 16 miles

87-00198/

NTS Number 31L/11

Mining Claim Map Number M-958

This project was funded by the Ontario Ministry of Northern Development and Mines through the Special Projects Assisting Resource Communities (SPARC) program.

STATEMENT: This inventory is unedited. Discrepancies may occur for which the Ontario Geological Survey does not assume liability. Information from this source may be quoted if credit is given. Reference to this inventory should be made as follows:

Ontario Geological Survey
1985: Jocko Township, District of Nipissing; Ontario Geological Survey, Geological Data Inventory Folio 288, Compiled by the Staff of the Resident Geologist's Office, Cobalt, 18 pages and 2 maps.

Original Compilation by: Patricia Anderson, September 26, 1985.

| Date | Page Revised | Revised by |
|---|---|---|
| | | |

| Date | Page Revised | Revised by |
|---|---|---|
| | | |

JOCKO TOWNSHIP

# TABLE OF CONTENTS


Data Sources Checklist ..... 1
Metals and Minerals Reference List ..... 2
Mineral Occurrences ..... 3
Type of Work ..... 4
Drill Hole Summary ..... 5
Airborne Geophysical Survey Data ..... 6
Geochemical Survey Data ..... 7
Miscellaneous Data ..... 8
Newspaper Clipping File ..... 9
ODM General Index Search ..... 10
Selected References ..... 12
Notes and Addenda ..... 18


ACCOMPANYING MAPS

Property Location Map - 1 Map

Exploration Data Map - 1 Map

Map Scale 1: 31 680 or 1 inch to ½ mile

JOCKO TOWNSHIP

# CONVERSION FACTORS FOR MEASUREMENTS IN ONTARIO GEOLOGICAL SURVEY PUBLICATIONS

If the reader wishes to convert imperial units to SI (metric) units or SI units to imperial units the following multipliers should be used:

| CONVERSION FROM SI TO IMPERIAL | | | CONVERSION FROM IMPERIAL TO SI | | |
|---|---|---|---|---|---|
| *SI Unit* | *Multiplied by* | *Gives* | *Imperial Unit* | *Multiplied by* | *Gives* |
| | | **LENGTH** | | | |
| 1 mm | 0.039 37 | inches | 1 inch | **25.4** | mm |
| 1 cm | 0.393 70 | inches | 1 inch | **2.54** | cm |
| 1 m | 3.280 84 | feet | 1 foot | **0.304 8** | m |
| 1 m | 0.049 709 7 | chains | 1 chain | 20.116 8 | m |
| 1 km | 0.621 371 | miles (statute) | 1 mile (statute) | **1.609 344** | km |
| | | **AREA** | | | |
| 1 $cm^2$ | 0.155 0 | square inches | 1 square inch | **6.451 6** | $cm^2$ |
| 1 $m^2$ | 10.763 9 | square feet | 1 square foot | **0.092 903 04** | $m^2$ |
| 1 $km^2$ | 0.386 10 | square miles | 1 square mile | 2.589 988 | $km^2$ |
| 1 ha | 2.471 054 | acres | 1 acre | 0.404 685 6 | ha |
| | | **VOLUME** | | | |
| 1 $cm^3$ | 0.061 02 | cubic inches | 1 cubic inch | **16.387 064** | $cm^3$ |
| 1 $m^3$ | 35.314 7 | cubic feet | 1 cubic foot | 0.028 316 85 | $m^3$ |
| 1 $m^3$ | 1.308 0 | cubic yards | 1 cubic yard | 0.764 555 | $m^3$ |
| | | **CAPACITY** | | | |
| 1 L | 1.759 755 | pints | 1 pint | 0.568 261 | L |
| 1 L | 0.879 877 | quarts | 1 quart | 1.136 522 | L |
| 1 L | 0.219 969 | gallons | 1 gallon | **4.546 090** | L |
| | | **MASS** | | | |
| 1 g | 0.035 273 96 | ounces (avdp) | 1 ounce (avdp) | 28.349 523 | g |
| 1 g | 0.032 150 75 | ounces (troy) | 1 ounce (troy) | **31.103 476 8** | g |
| 1 kg | 2.204 62 | pounds (avdp) | 1 pound (avdp) | **0.453 592 37** | kg |
| 1 kg | 0.001 102 3 | tons (short) | 1 ton (short) | **907.184 74** | kg |
| 1 t | 1.102 311 | tons (short) | 1 ton (short) | **0.907 184 74** | t |
| 1 kg | 0.000 984 21 | tons (long) | 1 ton (long) | **1016.046 908 8** | kg |
| 1 t | 0.984 206 5 | tons (long) | 1 ton (long) | **1.016 046 908 8** | t |
| | | **CONCENTRATION** | | | |
| 1 g/t | 0.029 166 6 | ounce (troy)/ ton (short) | 1 ounce (troy)/ ton (short) | 34.285 714 2 | g/t |
| 1 g/t | 0.583 333 33 | pennyweights/ ton (short) | 1 pennyweight/ ton (short) | 1.714 285 7 | g/t |

**OTHER USEFUL CONVERSION FACTORS**

| | | |
|---|---|---|
| 1 ounce (troy)/ton (short) | 20.0 | pennyweights/ton (short) |
| 1 pennyweight/ton (short) | 0.05 | ounce (troy)/ton (short) |

One gram(g) per tonne is equivalent to one part per million (1 ppm).

NOTE–Conversion factors which are in bold type are exact. The conversion factors have been taken from or have been derived from factors given in the Metric Practice Guide for the Canadian Mining and Metallurgical Industries published by The Mining Association of Canada in co-operation with the Coal Association of Canada.

# DATA SOURCES CHECK LIST

NOTE: The following sources have been searched to compile the data for this area. If no reference data was found the appropriate box is marked 'no'; if reference data was found, the box is marked 'yes'.

All reference data found are included in the following pages. If the box is blank, the data source has not yet been searched. If the box is marked N.A., the source item is Not Applicable to this area and therefore not searched.

| | SOURCES OF DATA | Data | Initial |
|---|---|---|---|
| 1 | Resident Geologist's Office Files | Yes | D.P.A. |
| 2 | Assessment Files Research Office, Toronto | No | D.P.A. |
| 3 | ODM General Index; 9 Volumes | No | D.P.A. |
| 4 | Catalogue of Airborne Geophysical Surveys (ODM) | No | D.P.A. |
| 5 | ODM Mineral Resources Circulars and OGS Mineral Deposits Circulars | No | D.P.A. |
| 6 | ODM Industrial Mineral Reports | No | D.P.A. |
| 7 | Bibliography of Post Precambrian Theses - Karrow (ODM MP 1) | No | D.P.A. |
| 8 | Bibliography of Precambrisn Theses - Ginn (ODM MP 2) | No | D.P.A. |
| 9 | Newspaper Clippings File | No | D.P.A. |
| 10 | GSC Index to Publications | Yes | D.P.A. |
| 11 | OGS Index to Published Maps and Reports - MP 77 and Supplements to MP 77 | Yes | D.P.A. |
| 12 | OGS Index Maps | Yes | D.P.A. |
| 13 | Source Mineral Deposit Records (O.G.S.) | No | D.P.A. |
| 14 | Author - Subject Articles File | No | D.P.A. |
| 15 | Miscellaneous Papers: ODM & OGS | Yes | D.P.A. |
| 16 | ODM Geological Circulars: OGS Study Series | No | D.P.A. |
| 17 | ODM Preliminary Reports: ODM Bulletins | No | D.P.A. |
| 18 | ODM – OGS Open File Reports | Yes | D.P.A. |
| 19 | OGS Northern Ontario Engineering Geology Terrain Studies | Yes | D.P.A. |
| 20 | OGS Aggregate Resources Inventory Papers | N.A. | D.P.A. |
| 21 | OGS Mineral Potential Maps | No | D.P.A. |
| 22 | Theses on File, Cobalt | No | D.P.A. |
| 23 | Aerial Photographs on File, Toronto | Yes | D.P.A. |
| | | | |

# METALS AND MINERALS REFERENCES LIST

- Δ anh. . . . . Anhydrite
- Δ ank. . . . . Ankerite
- Δ anna . . . . . Annabergite
- Δ ap. . . . . Apatite
- Δ arg . . . . . Argentite
- Δ As . . . . . Arsenic
- Δ asp . . . . . Arsenopyrite
- Δ asb . . . . . Asbestos
- Δ ba. . . . . Barite
- Δ be. . . . . Beryl
- Δ Bi. . . . . Bismuth
- Δ bn . . . . . Bornite
- Δ bran . . . . . Brannerite
- Δ bruc . . . . . Brucite
- Δ Cd . . . . . Cadmium
- Δ calc. . . . . Calcite
- Δ carb . . . . . Carbonate
- Δ cel . . . . . Celestite
- Δ cc. . . . . Chalcocite
- Δ cp. . . . . Chalcopyrite
- Δ ch. . . . . Chert
- Δ clay . . . . . Clay
- Δ Co . . . . . Cobalt
- Δ cob. . . . . Cobaltite
- Δ cb. . . . . Columbite
- Δ Cu . . . . . Copper
- Δ cor . . . . . Corundum
- Δ dol . . . . . Dolomite
- Δ ep. . . . . Epidote
- Δ ery . . . . . Erythrite
- Δ fel . . . . . Feldspar
- Δ fl . . . . . Fluorite (fluorspar)
- Δ fu. . . . . Fuchsite
- Δ gn. . . . . Galena
- Δ gt. . . . . Garnet
- Δ goe . . . . . Goethite
- Δ Au . . . . . Gold
- Δ gf. . . . . Graphite
- Δ gl . . . . . Gravel
- Δ gyp. . . . . Gypsum
- Δ hem . . . . . Hematite
- Δ il . . . . . Ilmenite
- Δ Fe . . . . . Iron
- Δ IF. . . . . Iron Formation
- Δ jas . . . . . Jasper
- Δ kaol . . . . . Kaolinite (kaolin)
- Δ ky . . . . . Kyanite
- Δ Pb . . . . . Lead
- Δ lim . . . . . Limonite
- Δ Li. . . . . Lithium
- Δ mgst. . . . . Magnesite
- Δ mag . . . . . Magnetite
- Δ mc . . . . . Malachite
- Δ Mn . . . . . Manganese
- Δ mb . . . . . Marble
- Δ marc. . . . . Marcasite
- Δ ma . . . . . Marl
- Δ mi . . . . . Mica
- Δ mil . . . . . Millerite
- Δ mo . . . . . Molybdenite
- Δ Mo . . . . . Molybdenum
- Δ mon . . . . . Monazite
- Δ ne. . . . . Nephelite (nepheline)
- Δ nc. . . . . Niccolite
- Δ Ni. . . . . Nickel
- Δ Nb . . . . . Niobium
- Δ Pd . . . . . Palledium
- Δ peat . . . . . Peat
- Δ pent . . . . . Pentlandite
- Δ Pt. . . . . Platinum
- Δ py . . . . . Pyrite
- Δ pyl. . . . . Pyrochlore
- Δ pyrl . . . . . Pyrolusite
- Δ po . . . . . Pyrrhotite
- Δ q . . . . . Quartz
- Δ qcv. . . . . Quartz carbonate vein
- Δ ra. . . . . Radioactive minerals
- Δ RE . . . . . Rare Earths
- Δ sd. . . . . Sand
- Δ sgl . . . . . Sand and gravel
- Δ ss . . . . . Sandstone
- Δ scap . . . . . Scapolite
- Δ shee . . . . . Scheelite
- Δ serp . . . . . Serpentine
- Δ sh. . . . . Shale
- Δ sid . . . . . Siderite
- Δ si . . . . . Silica
- Δ Ag . . . . . Silver
- Δ sl . . . . . Slate
- Δ sm . . . . . Smaltite
- Δ sod. . . . . Sodalite
- Δ spec . . . . . Specularite
- Δ sp. . . . . Sphalerite
- Δ spd. . . . . Spodumene
- Δ staur. . . . . Staurolite
- Δ stib. . . . . Stibnite
- Δ st. . . . . Stone
- Δ talc. . . . . Talc
- Δ Te . . . . . Tellurium
- Δ td. . . . . Tetrahedrite
- Δ th. . . . . Thorite
- Δ Th . . . . . Thorium
- Δ thuc . . . . . Thucholite
- Δ til . . . . . Titanite
- Δ Ti. . . . . Titanium
- Δ tour . . . . . Tourmaline
- Δ trap . . . . . Trap rock
- Δ W. . . . . Tungsten
- Δ uran . . . . . Uraninite
- Δ U . . . . . Uranium
- Δ verm. . . . . Vermiculite
- Δ Y . . . . . Yttrium
- Δ Zn . . . . . Zinc
- Δ zr. . . . . Zircon
- ▲ S-Gn. . . . . Building Stone (Gneiss)

Solid triangles indicate metal and mineral occurrences shown on the accompanying maps or listed in Drillhole Summary

JOCKO TOWNSHIP

| MINERAL OCCURRENCES | | | Source Mineral Deposit Record | References in OGS Mineral Deposits Circulars & OGS Industrial Mineral Reports | Additional References and/or Remarks |
|---|---|---|---|---|---|
| Map Ref. Letter | Name(s) | Mineralization | | | |
| A. | Mote, M.K. | S-Gn - major | | | - Jocko Twp. AF - Mote, Maxwell K. Dodd, E., Anderson, P.<br>- gneiss<br>- quarried intermittently |

GDIF FORM NO. 1

| TYPE OF WORK | | GEOLOGICAL | GEOCHEMICAL | TRENCHING, STRIPPING | DRILLING | ASSAY DATA | UNDERGROUND WORK | PROSPECTUS, NOTES, CORRESPONDENCE | AIRBORNE MAGNETOMETER | AIRBORNE ELECTROMAGNETIC | AIRBORNE RADIOMETRIC | GROUND MAGNETOMETER | GROUND ELECTROMAGNETIC | GROUND RADIOMETRIC | INDUCED POLARIZATION | SELF POTENTIAL | RESISTIVITY | Quarrying | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| EXPLORATION DATA filed at the RESIDENT GEOLOGIST'S OFFICE COBALT | COMPANY/AUTHOR (file number) | Numbers below represent the year in which the work was done; e.g., 68 for 1968. | | | | | | | | | | | | | | | | | | |
| 1 | Mote, Maxwell Kitchener | | | 71 72 73 75 76 | | | | | | | | | | | | | | 71 72 73 75 76 | | |

GDIF FORM NO. 2

4 JOCKO TOWNSHIP

## DRILLHOLE SUMMARY

| Map Drilling Location Number | Company Name | Company Drillhole Number | Date Drilled | Bearing Azimuth | Initial Dip of Hole | Thickness of Overburden | Total Length of Hole | Mineralization Noted in Log | Assay Data Included for |
|---|---|---|---|---|---|---|---|---|---|
| | No data available as of September 26, 1985. | | | | | | | | |

## AIRBORNE GEOPHYSICAL SURVEY DATA

| No. | By / For | Type of Survey | Flight Altitude | Flight Line Direction | Flight Line Spacing |
|---|---|---|---|---|---|
| | No data available as of September 26, 1985. | | | | |

GDIF FORM NO. 4

JOCKO TOWNSHIP

| Map Sample Site Reference Number | GEOCHEMICAL SURVEY DATA | | By | Reference |
|---|---|---|---|---|
| | Type of Survey | Analysis For | | |
| | No data available as of September 26, 1985. | | | |

GDIF FORM NO. 5

# MISCELLANEOUS DATA

## AGE DATING

| Site | Method | Material | Reference | Result |
|---|---|---|---|---|
| | No data available as of | | September 26, 1985. | |

LANDSAT COLOUR PHOTO - NTS 31/M

| LS | TR | FR | Date of Imagery | Band | Cycle/Day |
|---|---|---|---|---|---|
| 2 | 20 | 27 | 13/10/81 | $C_1$ | 136/10 |

on file in Cobalt office



GDIF FORM NO.6

# NEWSPAPER CLIPPINGS FILE

NOTE: A file of newspaper clippings about the companies listed below, who have worked in this area, is maintained in the Regional/Resident Geologist's Office. Cobalt.

No data available as of September 26, 1985.

GDIF FORM NO. 7

JOCKO TOWNSHIP

# ODM GENERAL INDEX SEARCH

**Words searched:** Jocko Township
Jocko River
Little Jocko River
Mote, M.K.

| Index Volume | Listing: | Report Volume | Part | Page |
|---|---|---|---|---|
| | No data available as of September 26, 1985. | | | |

GDIF FORM NO. 8

# ODM GENERAL INDEX SEARCH

Words searched:

| Index Volume | Listing: | Report Volume | Part | Page |
|---|---|---|---|---|
| | | | | |

GDIF FORM NO. 8

JOCKO TOWNSHIP

## SELECTED REFERENCES

| Author | Date | Title | Reference | Map Scales and/or Report Pages |
|---|---|---|---|---|
| | | REGIONAL GEOLOGICAL COMPILATION MAPS | | |
| Ayers, L.D., Lumbers, S.B., Milne, V.G., Robeson, D.W. | 1971 | Ontario Geological Map, East Central Sheet | ODMNA Map 2198 | 1:1 013 760 |
| Card, K.D. et al | 1971 | Sudbury-Cobalt Sheet, Geological Compilation Series, Algoma, Manitoulin, Nipissing, Parry Sound, Sudbury and Timiskaming District, Ontario | ODMNA Map 2188 | 1:253 440 |
| Card, K.D., Lumbers, S.B. | 1977 | Sudbury-Cobalt, NTS 31L/W, 31M/SW, 41I, 41P/S, Sudbury & AL 5 Districts | OGS Map 2361 | 1:253 440 |
| Lumbers, S.B., Milne, V.G. | 1979 | Ontario Geological Map, East Central Sheet, NTS 31/NW, 32/W, 41/N, 42 | OGS Map 2393 | 1:1 013 760 |
| | | GEOPHYSICAL MAPS | | |
| | 1965 | Temiscaming, Ontario-Quebec, NTS 31L/11 | GSC Map 1479G | 1:63 360 |
| GSC-OGS | 1978 | Airborne gamma-ray spectrometry maps and profiles | OGS Map Set 1649-1687 | 1:250 000 |
| Gupta, K.V. Wadge, D.R. | 1980 | Bouger Gravity and Generalized Geological Map, North Bay-Marten River Area, NTS 31L/W, 41I/E, Districts of Nipissing and Sudbury, Ontario | OGS Map 2297 | 1:100 000 |

GDIF FORM NO.9

## SELECTED REFERENCES

| Author | Date | Title | Reference | Map Scales and/or Report Pages |
|---|---|---|---|---|
| | | GEOPHYSICAL MAPS | | |
| Gupta, V.K. Grant, F.S., Boud, A. | 1981 | Gravity and Aeromagnetic Studies in North-Central Ontario: A Progress Report; in Summary of Field Work, 1981, edited by J. Wood et al, Ontario Geological Survey | OGS MP 100 | No. 26 pp. 160-164 |
| Gupta, V.K. | 1982 | Gravity and Aeromagnetic Studies in North-Central Ontario: A Progress Report; in Summary of Field Work, 1982, edited by J. Wood et al, Ontario Geological Survey | OGS MP 106 | No. 24 pp. 165-167 |
| GSC | 1984 | Sudbury, Ontario and Quebec, IMW, NL 16/17, Magnetic Anomaly Map | GSC Map NL 16/17-M | 1:1 000 000 |
| | | Geophysical Map | GSC Map 7066G | 1:253 440 |
| | | Earth Physics Branch Gravity Map Series | EPB Maps No. 84 and No. 134 | 1:500 000 |
| | | SURFICIAL, PLEISTOCENE, TERRAIN ENGINEERING | | |
| | 1975 | Témiscaming, Ontario-Quebec, topographic | NTS 31L/11 | 1:50 000 |
| | 1978 | North Bay, topographic | NTS 31/L | 1:250 000 |
| Vincent, J-S, Hardy, L. | 1979 | The Evolution of Glacial Lakes Barlow and Ojibway, Quebec and Ontario | GSC Bulletin 316 | |
| Gartner, J.F. | 1980 | Tomiko Area, NTS 31L/NW, Nipissing District, Ontario | NOEGTS 96 OGS Map 5040 | 1:100 000 |

GDIF FORM NO.9

## SELECTED REFERENCES

| Author | Date | Title | Reference | Map Scales and/or Report Pages |
|---|---|---|---|---|
| | | SURFICIAL, PLEISTOCENE, TERRAIN ENGINEERING | | |
| | 1982 | Ontario Basic Maps | MNR Maps<br>20 17 6300 51500<br>20 17 6400 51500<br>20 17 6300 51600<br>20 17 6400 51600 | 1:20 000 |
| | | Jocko Township Claim Map | MNR Map M-958 | 1" = 40 ch. |
| | | Tomiko, topographic | NTS 31L/NW | 1:126 720 |
| | | MINERAL POTENTIAL | | |
| Springer, J.S. | 1978 | Ontario Mineral Potential, Parts of North Bay, Deep River and Ville Marie, NTS 31 K, L, M, Renfrew County & 2 Districts, Ontario | OGS Map P. 1510 | 1:250 000 |
| Vos, M.A., Smith, B.A., Stevenato, R.J. | 1981 | Industrial Minerals of the Sudbury Area, NTS 31/E, 31/L, 41/H, 41/I, Sudbury, Nipissing, Parry Sound and Manitoulin Districts | OGS OFR 5329 | |
| Robertson, J.A. | 1982 | Uranium and Thorium Deposits of Ontario, East Central Sheet, NTS 31/NW, 32/W, 41/N, 42 | OGS Map P. 2426 | 1:1 013 760 |
| Springer, J.S., Robertson, J.A., Vos, M.A. | 1982 | Mineral Potential Map of Ontario, East Central Sheet, NTS 31/NW, 32/W, 41/N, 42 | OGS OFR 5327 | 1:1 013 760 |
| Masham, J.S., Scott, D.W., Vos, M.A., Yundt, S.E. | 1982 | Industrial Minerals of Ontario | OGS Map P. 2591 | 1: 1 500 000 |

GDIF FORM NO. 9

## SELECTED REFERENCES

| Author | Date | Title | Reference | Map Scales and/or Report Pages |
|---|---|---|---|---|
| | | **MINERAL POTENTIAL** | | |
| Vos, M.A., Abolins, T., McKnight, R.L.W., Smith, V. | 1983 | Industrial Minerals of Northern Ontario, Parts 1 and 2, NTS 31N/W, 32/W, 41/N, 42, 43, 52, 53 | OGS OFR 5386 | |
| Vos, M.A., Smith, V. | 1983 | Industrial Minerals of Northern Ontario-Supplement 2 | OGS OFR 5439 | |
| | | **GEOLOGICAL REPORTS AND MAPS** | | |
| Bell, R. | 1892 | The Laurentian and Huronian Systems North of Lake Huron | *OBM Annual Report, 1891, vol. 1 | pp. 63-94 |
| Bell, R. | 1892 | Map of Parts of Districts of Nipissing and Algoma Exhibiting the Country around Sudbury and Eastward to Ottawa River | *OBM Map 1a | 1:253 440 |
| Barlow, A.E. | 1899 | Report of the Geology and Natural Resources of the Area Included by the Nipissing and Timiskaming Map Sheets, Comprising Portions of the District of Nipissing, Ontario and the County of Pontiac, Quebec | *GSC Annual Report X, pt. 1<br>*GSC Maps 599 and 606 | 1:253 440 |
| Barlow, A.E. | 1908 | Second Edition of a Report on the Geology and Natural Resources of the Area Included by the Nipissing and Timiskaming Map Sheets, Comprising Portions of the District of Nipissing, Ontario and the County of Pontiac, Quebec | *GSC Separate Report 962<br>*GSC Map 944 | 1:63 360 |

GDIF FORM NO. 9

## SELECTED REFERENCES

| Author | Date | Title | Reference | Map Scales and/or Report Pages |
|---|---|---|---|---|
| | | GEOLOGICAL REPORTS AND MAPS | | |
| Lumbers, S.B. | 1967 | Tomiko sheet, District of Nipissing, Ontario | ODM Map P. 394 | 1:126 720 |
| Lumbers, S.B. | 1971 | Tomiko Area, East Half, Nipissing District, Ontario | ODMNA Map P.679 | 1:63 360 |
| | | JOURNAL ARTICLES, THESES, TECHNICAL REPORTS | | |
| | | No data available as of September 26, 1985. | | |
| | | * Out of Print | | |

## SELECTED REFERENCES

| Author | Date | Title | Reference | Map Scales and/or Report Pages |
|---|---|---|---|---|
| | | | | |

GDIF FORM NO. 9

# NOTES AND ADDENDA

The exploration data map shows only the most important minerals found at each site. All the minerals noted are listed in the mineral occurrences or the drill hole data.

On the maps, only areas for which work has been submitted to the Ministry are shown and thus a company may hold, or have held in the past, more ground than is shown.

Intermittent quarrying of building stone.

AIR PHOTOS - on file in Toronto

Only 1977 photos are available for viewing at the Public Service Centre, Rm. 1640, Whitney Block.

Photos can also be ordered from here for the years 1946, 1958 and 1970.

| Year | Roll | Strip | Photo |
|---|---|---|---|
| 1946 | 29 | 150 | 127-134 |
| | 32 | 151 | 48-55 |
| | 204 | 152 | 3-11 |
| | 26 | 152 | 44-52 |
| | 25 | 153 | 82-89 |
| 1958 | 051 | 4626 | 24-30 |
| | 059 | 4625 | 167-173 |
| | 060 | 4624 | 10-17 |
| | 060 | 4623 | 54-61 |
| 1970 | 33 | 4626 | 104-112 |
| | 33 | 4625 | 62-69 |
| | 33 | 4624 | 22-30 |
| | 46 | 4623 | 41-48 |
| 1977 | 23 | 4626 | 193-200 |
| | 23 | 4625 | 235-241 |
| | 55 | 4624 | 252-258 |
| | 55 | 4623 | 109-116 |
| | 66 | 4622 | 135-142 |

CLARKSON

LOCKHART

EDDY

JOCKO

Hanson Cr.

River

Little

JOCKO

46°37'00"

79°09'00"

1

63

Ministry of Northern Development and Mines

Ontario

René Fontaine
Minister

George Tough
Deputy Minister

ONTARIO GEOLOGICAL SURVEY

PROPERTY LOCATION MAP

GEOLOGICAL DATA INVENTORY FOLIO 288

(Map 1 of 2)

# JOCKO TOWNSHIP

DISTRICT OF NIPISSING

Scale 1:31 680

Kilometre 0.5 0 0.5 1 Kilometre

Mile 0.5 0 0.5 1 Mile

ONTARIO GEOLOGICAL SURVEY

PROPERTY LOCATION MAP

GEOLOGICAL DATA INVENTORY FOLIO 288

(Map 1 of 2)

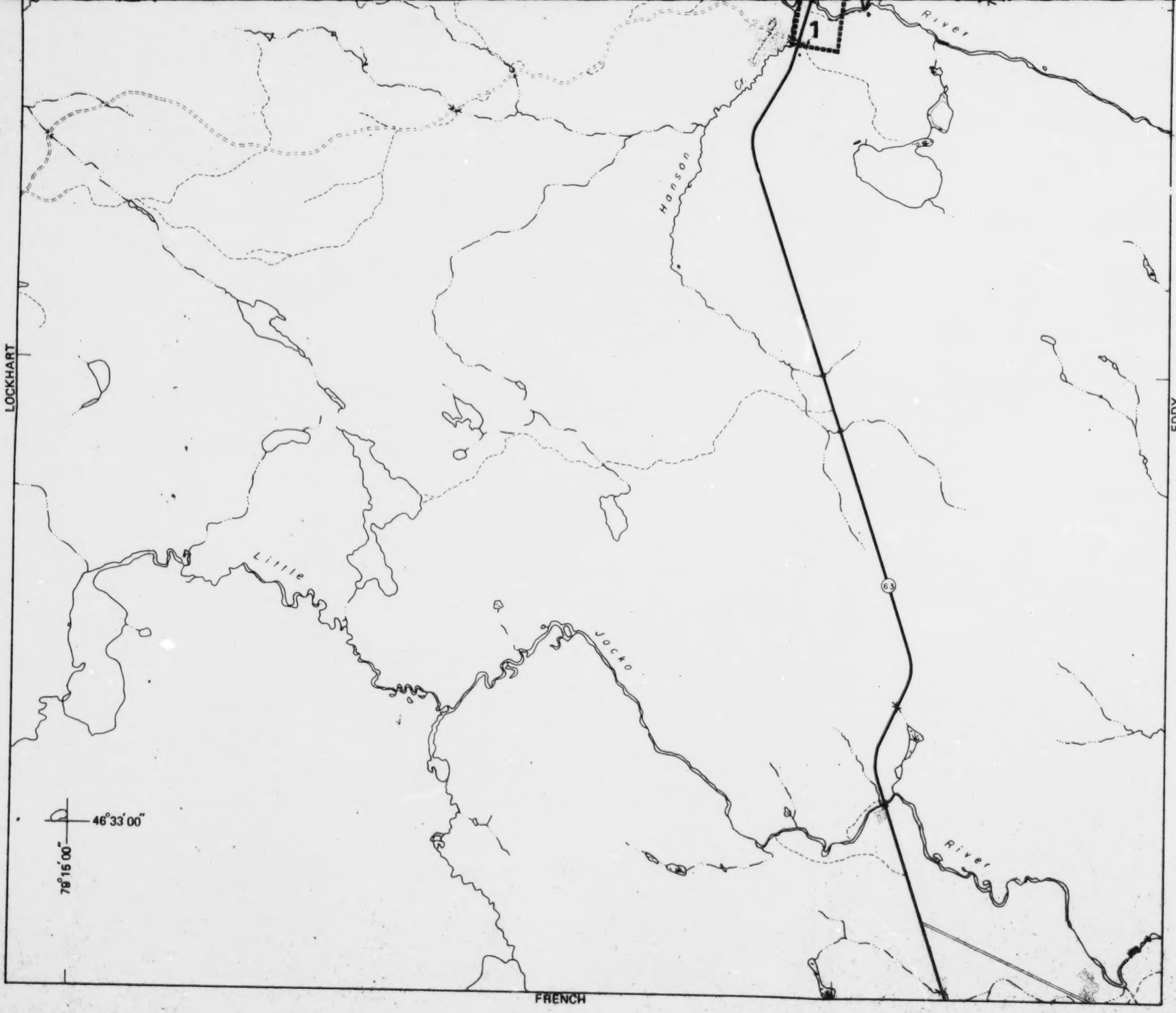
# JOCKO TOWNSHIP

DISTRICT OF NIPISSING

Scale 1:31 680

Kilometre 0.5 0 0.5 1 Kilometre

Mile 0.5 0 0.5 1 Mile




## EXPLORATION DATA FILE AREAS

■ Reference number is always inside work area outlined. See listing in text pages.

□ x ④ Small area exploration.

TYPES OF DATA SHOWN ON THIS MAP

## GEOCHEMICAL AND GEOCHRONOLOGICAL DATA

- ☐ ◆³ Geochemical sample site, with reference number
- ☐ ◆³ Area of geochemical sampling, with reference number
- ☐ ✳² Age dating material sampling site, with reference number

## GEOPHYSICAL ANOMALIES

- ☐ —AM— Airborne magnetic anomaly
- ☐ Airborne electromagnetic anomaly Length of anomaly along flight line
- ☐ Airborne electromagnetic anomaly Location of anomaly along flight line
- ☐ Airborne electromagnetic anomaly Conductor axis: definite, probable, possible
- ☐ —ARA— Airborne radiometric anomaly
- ☐ —M— Ground magnetic anomaly
- ☐ —VL— Ground electromagnetic anomaly ( VL - Vertical loop; HL - Horzontal loop; VLF - Very low freq; Turam; JEM - Crone Em - 16 )
- ☐ —RA— Ground radiometric anomaly
- ☐ —IP— Induced polarization anomaly
- ☐ —SP— Self potential anomaly
- ☐ —AFMAG— Audio-frequency magnetic anomaly (total intensity)
- ☐ —R— Resistivity anomaly
- ☐ —GR— Gravity anomaly

## MISCELLANEOUS DATA

- ■ Trenching, pit
- ■ Rock quarry

CLARKSON

LOCKHART

JOCKO

River

Hanson Cr.

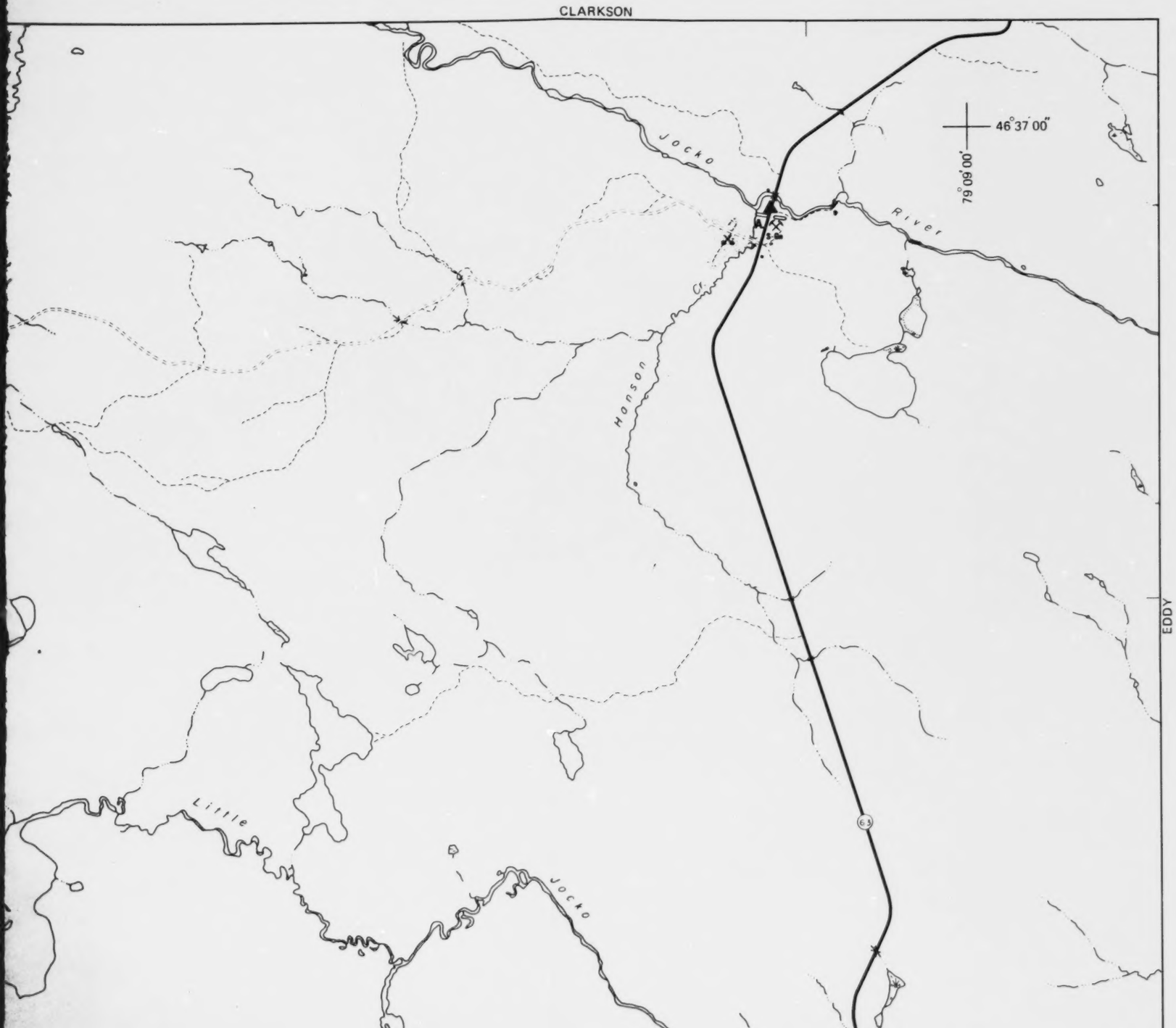
Little

JOCKO

63

46°37'00"

79°09'00"




Ministry of Northern Development and Mines
Ontario

René Fontaine
Minister

George Tough
Deputy Minister

**ONTARIO GEOLOGICAL SURVEY**

**EXPLORATION DATA MAP**

**GEOLOGICAL DATA INVENTORY FOLIO 288**

(Map 2 of 2)

# JOCKO TOWNSHIP

**DISTRICT OF NIPISSING**

Scale 1:31 680

Kilometre 0.5 0 0.5 1 Kilometre

Mile 0.5 0 0.5 1 Mile

## GEOLOGICAL AND MINING SYMBOLS

TYPES OF DATA SHOWN ON THIS MAP

### MINERAL OCCURRENCES

- cp A. — Mineral occurrence at surface, with reference letter
- Au A. 84' — Mineral occurrence with shaft, depth given with reference letter
- Ag A. — Mineral occurrence reported but exact location uncertain, with reference letter
- cp A. — Mineralized float with reference letter

### DRILLHOLE

- 2 — Location of single drillhole, with reference number
- 2 — Location of closely spaced group of drillholes, with reference number
- ?2 — Drillhole, exact location uncertain, with reference number

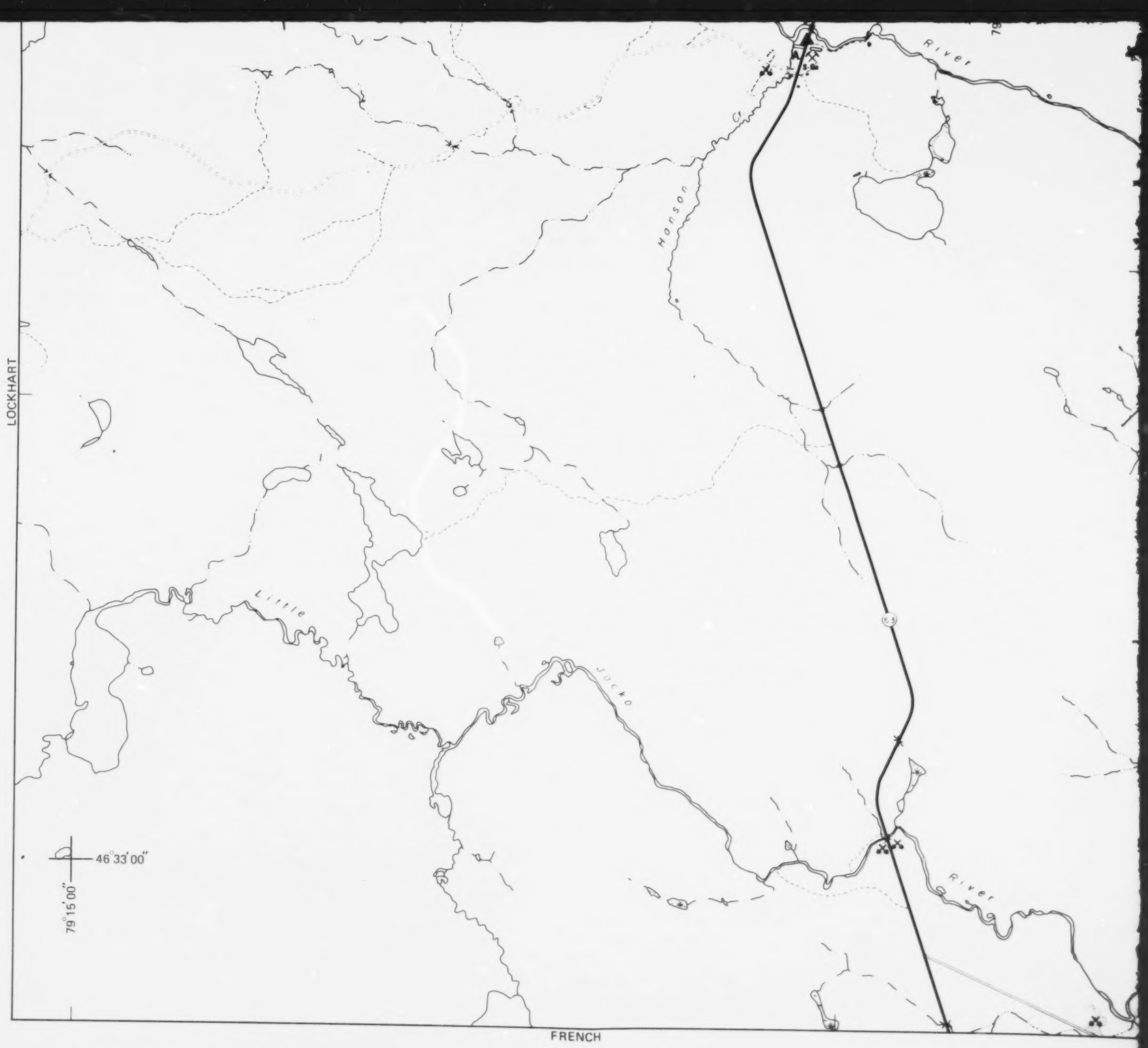
## GEOPHYSICAL ANOMALIES

- ☐ -AM- Airborne magnetic anomaly
- ☐ Airborne electromagnetic anomaly
  Length of anomaly along flight line
- ☐ Airborne electromagnetic anomaly
  Location of anomaly along flight line
- ☐ Airborne electromagnetic anomaly
  Conductor axis: definite, probable, possible
- ☐ -ARA- Airborne radiometric anomaly
- ☐ -M- Ground magnetic anomaly
- ☐ VL Ground electromagnetic anomaly
  ( VL - Vertical loop; HL - Horzontal loop;
  VLF - Very low freq; Turam; JEM -
  Crone Em - 16 )
- ☐ -RA- Ground radiometric anomaly
- ☐ -IP- Induced polarization anomaly
- ☐ -SP- Self potential anomaly
- ☐ -AFMAG- Audio-frequency magnetic anomaly
  (total intensity)
- ☐ -R- Resistivity anomaly
- ☐ -GR- Gravity anomaly

## MISCELLANEOUS DATA

- ■ Trenching, pit
- ☐ Adit
- ☐ Open pit
- ■ Rock quarry
- ■ Sand and/or gravel pit

NOTE: Consult the text that accompanies this map for pertinent lists of data, references, and abbreviations.



EXPLORATION DATA MAP

GEOLOGICAL DATA INVENTORY FOLIO 288

(Map 2 of 2)

# JOCKO TOWNSHIP

DISTRICT OF NIPISSING

Scale 1:31 680

Kilometre 0.5 0 0.5 1 Kilometre

Mile 0.5 0 0.5 1 Mile

## GEOLOGICAL AND MINING SYMBOLS

TYPES OF DATA SHOWN ON THIS MAP

### MINERAL OCCURRENCES

- cp A. — Mineral occurrence at surface, with reference letter
- Au A. 84' — Mineral occurrence with shaft, depth given with reference letter
- Ag A. — Mineral occurrence reported but exact location uncertain, with reference letter
- cp A. — Mineralized float with reference letter

### DRILLHOLE

- 2 — Location of single drillhole, with reference number
- 2 — Location of closely spaced group of drillholes, with reference number
- ?2 — Drillhole, exact location uncertain, with reference number
- Property with underground drillholes in this general area, with reference number
- 2 — Property with drillholes which have not been plotted on map, with reference number
- 2 — Reverse circulation drillhole; churn drilling, with reference number